

Log File

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#Figure 1

```
library(rdd)
```

```
## Loading required package: sandwich
```

```
## Loading required package: lmtest
```

```
## Loading required package: zoo
```

```
##
```

```
## Attaching package: 'zoo'
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
##   as.Date, as.Date.numeric
```

```
## Loading required package: AER
```

```
## Loading required package: car
```

```
## Loading required package: carData
```

```
## Loading required package: survival
```

```
## Loading required package: Formula
```

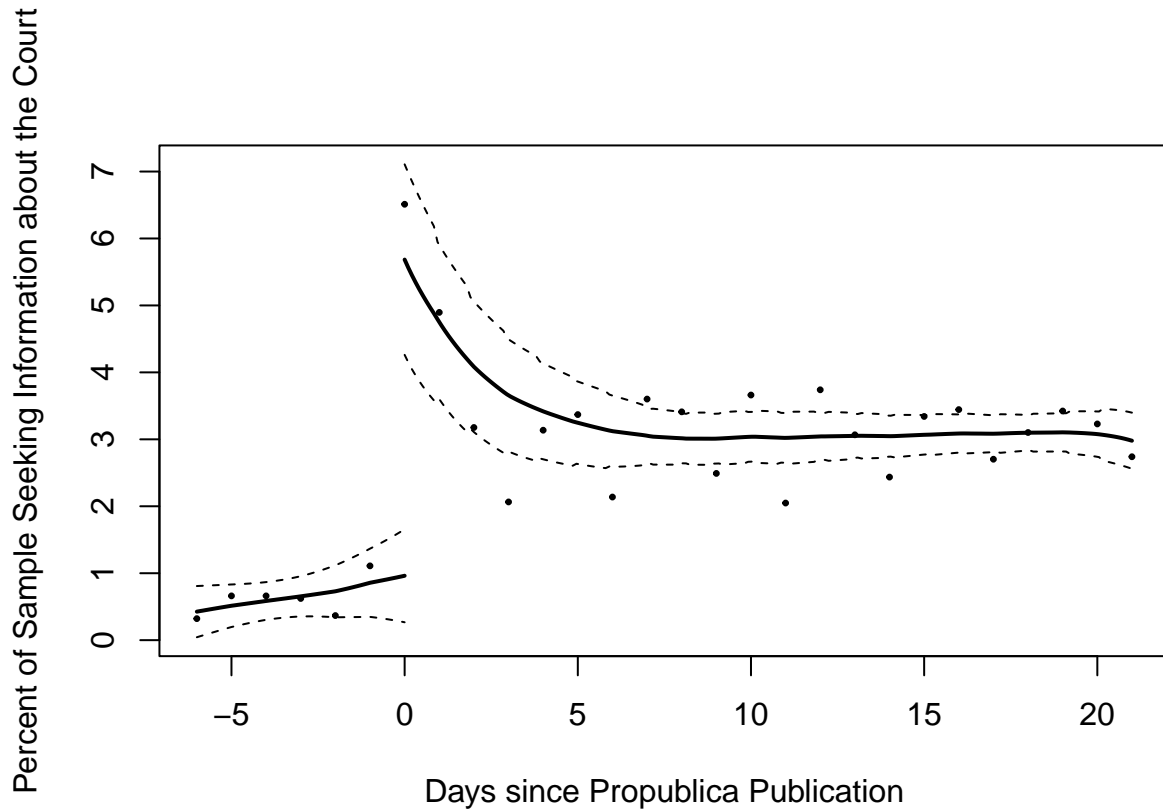
```
load("rdd.RData")
```

```
rdd_simple <- RDestimate(total~rdd_count,data=agg,cutpoint=0)
```

```
plot(rdd_simple)
```

```
title(xlab="Days since Propublica Publication",
```

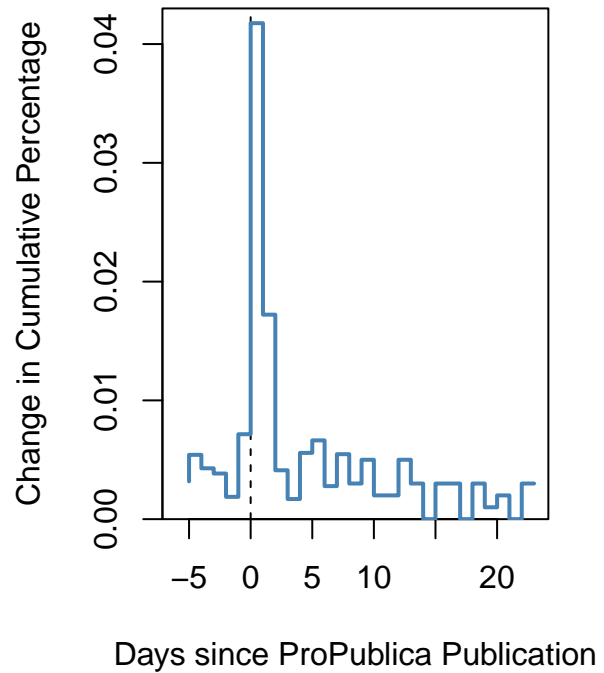
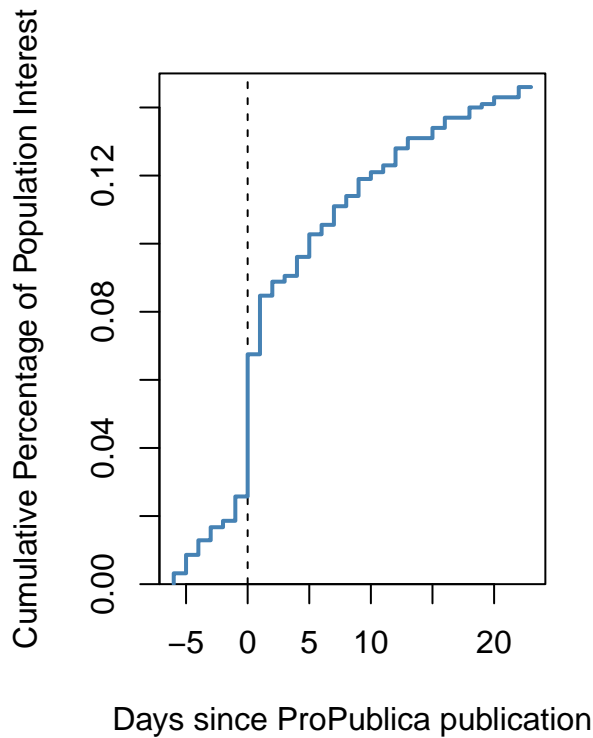
```
      ylab="Percent of Sample Seeking Information about the Court")
```



```

#Figure 2
load("cumulative.RData")
par(mfrow=c(1,2))
plot(dat$rdd,dat$prop,col="white",xlab="Days since ProPublica publication",
      ylab="Cumulative Percentage of Population Interest",type="S",ylim=c(0,.15),yaxs="i")
abline(v=0,lty=2)
lines(dat$rdd,dat$prop,type="S",lwd=2,col="steelblue")
plot(dat$rdd,dat$prop_dif,col="white",xlab="Days since ProPublica Publication",
      ylab="Change in Cumulative Percentage",type="S",ylim=c(0,0.043),yaxs="i")
abline(v=0,lty=2)
lines(dat$rdd,dat$prop_dif,type="S",lwd=2,col="steelblue")

```



```
par(mfrow=c(1,1))
```

```
#Appendix A
```

```
summary(rdd_simple)
```

```
##
## Call:
## RDestimate(formula = total ~ rdd_count, data = agg, cutpoint = 0)
##
## Type:
## sharp
##
## Estimates:
##      Bandwidth  Observations  Estimate  Std. Error  z value  Pr(>|z|)
## LATE          7.136           14      4.723    0.7030     6.718  1.844e-11
## Half-BW       3.568            7      5.066    0.3265    15.518  2.614e-54
## Double-BW     14.272           21      3.692    0.8994     4.105  4.046e-05
##
## LATE          ***
## Half-BW       ***
## Double-BW     ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## F-statistics:
##      F      Num. DoF  Denom. DoF  p
```

```
## LATE      25.24  3      10      0.0001110
## Half-BW   238.40 3      3      0.0009155
## Double-BW 16.78  3      17      0.0000501
```

#Appendix B

```
library(stargazer)
```

```
##
```

```
## Please cite as:
```

```
## Hlavac, Marek (2022). stargazer: Well-Formatted Regression and Summary Statistics Tables.
```

```
## R package version 5.2.3. https://CRAN.R-project.org/package=stargazer
```

```
load("preonly.RData")
```

```
summary(mod1<-glm(total~gender+as.numeric(educ)+as.numeric(pid7)+nonwhite+
                  as.numeric(faminc_new)+birthyr+poly(visits,1),agg,family="binomial"))
```

```
##
```

```
## Call:
```

```
## glm(formula = total ~ gender + as.numeric(educ) + as.numeric(pid7) +
##      nonwhite + as.numeric(faminc_new) + birthyr + poly(visits,
##      1), family = "binomial", data = agg)
```

```
##
```

```
## Coefficients:
```

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	32.499981	24.038766	1.352	0.17638
genderMale	1.128276	0.501166	2.251	0.02437 *
as.numeric(educ)	0.475635	0.170607	2.788	0.00531 **
as.numeric(pid7)	-0.153462	0.108074	-1.420	0.15562
nonwhite	-0.976211	0.579681	-1.684	0.09217 .
as.numeric(faminc_new)	0.008304	0.068430	0.121	0.90342
birthyr	-0.019299	0.012219	-1.579	0.11425
poly(visits, 1)	4.086965	3.077631	1.328	0.18419

```
## ---
```

```
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
```

```
## (Dispersion parameter for binomial family taken to be 1)
```

```
##
```

```
## Null deviance: 204.05 on 846 degrees of freedom
```

```
## Residual deviance: 177.59 on 839 degrees of freedom
```

```
## (85 observations deleted due to missingness)
```

```
## AIC: 193.59
```

```
##
```

```
## Number of Fisher Scoring iterations: 7
```

```
load("allprepost.RData")
```

```
summary(mod4<-glm(dif~gender+as.numeric(educ)+as.numeric(pid7)+nonwhite+
                  as.numeric(faminc_new)+birthyr+poly(visits,1),
                  family=binomial(link="logit"),agg))
```

```
##
```

```
## Call:
```

```
## glm(formula = dif ~ gender + as.numeric(educ) + as.numeric(pid7) +
##      nonwhite + as.numeric(faminc_new) + birthyr + poly(visits,
##      1), family = binomial(link = "logit"), data = agg)
```

```
##
```

```

## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)    35.698703  11.926340   2.993 0.002760 **
## genderMale      0.472501   0.224037   2.109 0.034941 *
## as.numeric(educ) 0.074050   0.075564   0.980 0.327102
## as.numeric(pid7) -0.209426   0.054563  -3.838 0.000124 ***
## nonwhite       -0.029515   0.241746  -0.122 0.902826
## as.numeric(faminc_new) 0.066011   0.033723   1.957 0.050296 .
## birthyr        -0.019231   0.006073  -3.167 0.001543 **
## poly(visits, 1)  23.493545   3.658173   6.422 1.34e-10 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
## Null deviance: 661.69  on 846  degrees of freedom
## Residual deviance: 570.94  on 839  degrees of freedom
## (85 observations deleted due to missingness)
## AIC: 586.94
##
## Number of Fisher Scoring iterations: 5
load("6daysprepost.RData")
summary(mod3<-glm(dif~gender+as.numeric(educ)+as.numeric(pid7)+nonwhite+
                  as.numeric(faminc_new)+birthyr+poly(visits,1),
                  family=binomial(link="logit"),agg))

##
## Call:
## glm(formula = dif ~ gender + as.numeric(educ) + as.numeric(pid7) +
##      nonwhite + as.numeric(faminc_new) + birthyr + poly(visits,
##      1), family = binomial(link = "logit"), data = agg)
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)    47.893413  14.637170   3.272 0.001068 **
## genderMale      0.595326   0.274055   2.172 0.029834 *
## as.numeric(educ) 0.125045   0.092229   1.356 0.175158
## as.numeric(pid7) -0.289408   0.068962  -4.197 2.71e-05 ***
## nonwhite       -0.014913   0.293075  -0.051 0.959417
## as.numeric(faminc_new) 0.028981   0.041039   0.706 0.480078
## birthyr        -0.025598   0.007467  -3.428 0.000608 ***
## poly(visits, 1)  27.709539   4.031308   6.874 6.26e-12 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
## Null deviance: 507.82  on 827  degrees of freedom
## Residual deviance: 410.58  on 820  degrees of freedom
## (83 observations deleted due to missingness)
## AIC: 426.58
##
## Number of Fisher Scoring iterations: 6

```

```
load("2daysprepost.RData")
summary(mod2<-glm(dif~gender+as.numeric(educ)+as.numeric(pid7)+nonwhite+
  as.numeric(faminc_new)+birthyr+poly(visits,1),
  family=binomial(link="logit"),agg))
```

```
##
## Call:
## glm(formula = dif ~ gender + as.numeric(educ) + as.numeric(pid7) +
##     nonwhite + as.numeric(faminc_new) + birthyr + poly(visits,
##     1), family = binomial(link = "logit"), data = agg)
##
## Coefficients:
##             Estimate Std. Error z value Pr(>|z|)
## (Intercept)    46.940172  15.703147   2.989  0.00280 **
## genderMale      0.387621   0.288208   1.345  0.17865
## as.numeric(educ) 0.176672   0.097426   1.813  0.06977 .
## as.numeric(pid7) -0.234501   0.072472  -3.236  0.00121 **
## nonwhite        0.127255   0.307455   0.414  0.67895
## as.numeric(faminc_new) 0.052043   0.043400   1.199  0.23047
## birthyr        -0.025350   0.008008  -3.166  0.00155 **
## poly(visits, 1)  17.429881   3.888050   4.483  7.36e-06 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
## Null deviance: 422.85 on 748 degrees of freedom
## Residual deviance: 368.72 on 741 degrees of freedom
## (77 observations deleted due to missingness)
## AIC: 384.72
##
## Number of Fisher Scoring iterations: 6
```

```
stargazer(mod1,mod4,mod3,mod2)
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac@spu.cz
## % Date and time: Wed, Mar 27, 2024 - 1:43:33 PM
## \begin{table}[!htbp] \centering
##   \caption{}
##   \label{}
##   \begin{tabular}{@{\extracolsep{5pt}}lcccc}
##     \hline
##     \hline \hline \hline
##     & \multicolumn{4}{c}{\textit{Dependent variable:}} & \hline
##     \cline{2-5}
##     \hline & total & (1) & (2) & (3) & (4) \hline
##     \hline \hline \hline
##     genderMale & 1.128$^{**}$ & 0.473$^{**}$ & 0.595$^{**}$ & 0.388 \hline
##     & (0.501) & (0.224) & (0.274) & (0.288) \hline
##     & & & & \hline
##     as.numeric(educ) & 0.476$^{***}$ & 0.074 & 0.125 & 0.177$^{*}$ \hline
##     & (0.171) & (0.076) & (0.092) & (0.097) \hline
```

```

## & & & & \
## as.numeric(pid7) & $-$0.153 & $-$0.209$^{***}$ & $-$0.289$^{***}$ & $-$0.235$^{***}$ \
## & (0.108) & (0.055) & (0.069) & (0.072) \
## & & & & \
## nonwhite & $-$0.976$^{*}$ & $-$0.030 & $-$0.015 & 0.127 \
## & (0.580) & (0.242) & (0.293) & (0.307) \
## & & & & \
## as.numeric(faminc\_new) & 0.008 & 0.066$^{*}$ & 0.029 & 0.052 \
## & (0.068) & (0.034) & (0.041) & (0.043) \
## & & & & \
## birthyr & $-$0.019 & $-$0.019$^{***}$ & $-$0.026$^{***}$ & $-$0.025$^{***}$ \
## & (0.012) & (0.006) & (0.007) & (0.008) \
## & & & & \
## poly(visits, 1) & 4.087 & 23.494$^{***}$ & 27.710$^{***}$ & 17.430$^{***}$ \
## & (3.078) & (3.658) & (4.031) & (3.888) \
## & & & & \
## Constant & 32.500 & 35.699$^{***}$ & 47.893$^{***}$ & 46.940$^{***}$ \
## & (24.039) & (11.926) & (14.637) & (15.703) \
## & & & & \
## \hline \[-1.8ex]
## Observations & 847 & 847 & 828 & 749 \
## Log Likelihood & $-$88.797 & $-$285.468 & $-$205.290 & $-$184.362 \
## Akaike Inf. Crit. & 193.594 & 586.936 & 426.580 & 384.723 \
## \hline
## \hline \[-1.8ex]
## \textit{Note:} & \multicolumn{4}{r}{\textit{*}}$p$<$0.1; \textit{**}}$p$<$0.05; \textit{***}}$p$<$0.01} \
## \end{tabular}
## \end{table}

```

```

#Appendix C
load("GoogleTrends.RData")
bw <- with(comb, IKbandwidth(dates, count, cutpoint=0))
rdd_simple <- RDestimate(count~dates, data=comb, cutpoint=0, bw=bw)
summary(rdd_simple)

```

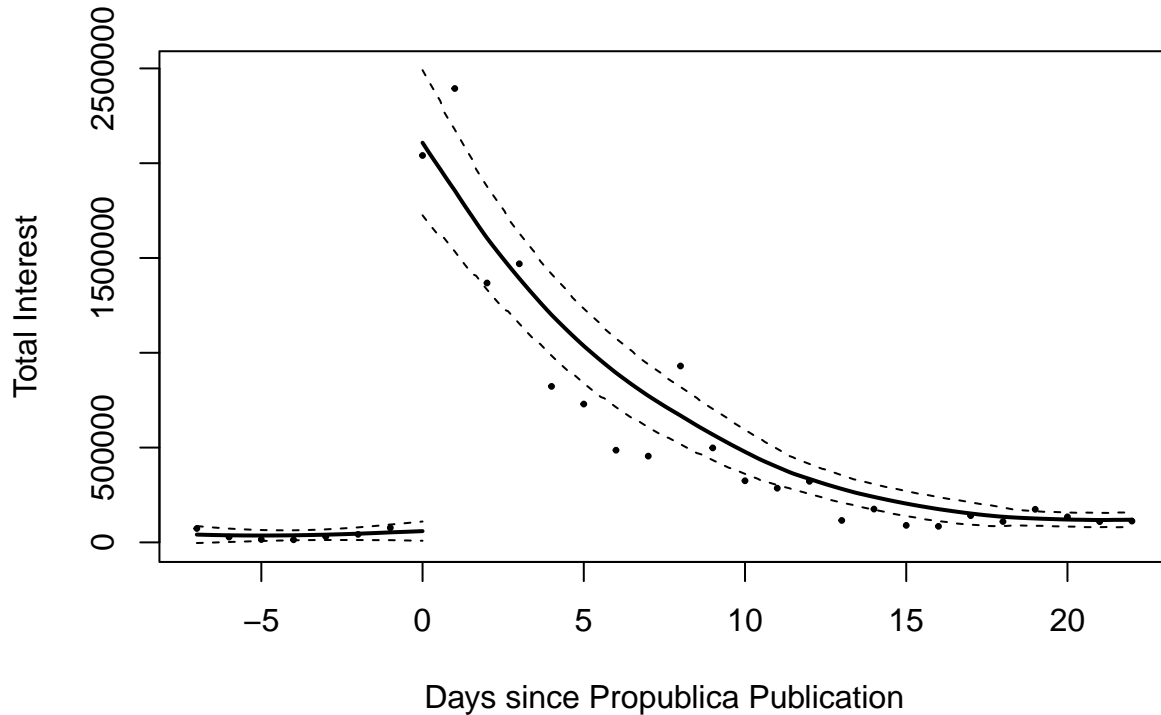
```

##
## Call:
## RDestimate(formula = count ~ dates, data = comb, cutpoint = 0,
##           bw = bw)
##
## Type:
## sharp
##
## Estimates:
##           Bandwidth Observations Estimate Std. Error z value Pr(>|z|)
## LATE         10.44         18      2048628   211475      9.687   3.413e-22
## Half-BW       5.22          11      2152760   267887      8.036   9.277e-16
## Double-BW    20.88         28      1699055   219361      7.745   9.522e-15
##
## LATE         ***
## Half-BW      ***
## Double-BW    ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##

```

```
## F-statistics:
##           F      Num. DoF  Denom. DoF  p
## LATE      50.79    3           14      1.807e-07
## Half-BW   38.37    3           7       2.052e-04
## Double-BW 37.49    3           24      6.459e-09
```

```
plot(rdd_simple)
title(xlab="Days since Propublica Publication",ylab="Total Interest")
```



```
#Appendix F
library(xtable)
load("demos.RData")
df <- data.frame(variable=names(demos)[17:29],mean=NA,sd=NA,min=NA,max=NA,length=NA)
for(i in 17:29){
  df[i-16,2] <- mean(demos[,i],na.rm=T)
  df[i-16,3] <- sd(demos[,i],na.rm=T)
  df[i-16,4] <- min(demos[,i],na.rm=T)
  df[i-16,5] <- max(demos[,i],na.rm=T)
  df[i-16,6] <- sum(!is.na(demos[,i]))
}
xtable(df)
```

```
## % latex table generated in R 4.3.3 by xtable 1.8-4 package
## % Wed Mar 27 13:43:34 2024
## \begin{table}[ht]
## \centering
## \begin{tabular}{r|rrrrrr}
```

```

## \hline
## & variable & mean & sd & min & max & length \\
## \hline
## 1 & education & 3.42 & 1.54 & 1.00 & 6.00 & 1000 \\
## 2 & family\_income & 5.49 & 3.43 & 1.00 & 16.00 & 937 \\
## 3 & ideology & 2.94 & 1.22 & 1.00 & 5.00 & 882 \\
## 4 & female & 0.53 & 0.50 & 0.00 & 1.00 & 1000 \\
## 5 & male & 0.47 & 0.50 & 0.00 & 1.00 & 1000 \\
## 6 & white & 0.63 & 0.48 & 0.00 & 1.00 & 1000 \\
## 7 & hispanic\_latino & 0.17 & 0.37 & 0.00 & 1.00 & 1000 \\
## 8 & black\_africanamerican & 0.11 & 0.31 & 0.00 & 1.00 & 1000 \\
## 9 & race\_other & 0.20 & 0.40 & 0.00 & 1.00 & 1000 \\
## 10 & democrat & 0.35 & 0.48 & 0.00 & 1.00 & 996 \\
## 11 & independent & 0.30 & 0.46 & 0.00 & 1.00 & 996 \\
## 12 & republican & 0.24 & 0.43 & 0.00 & 1.00 & 996 \\
## 13 & pid\_other & 0.11 & 0.32 & 0.00 & 1.00 & 1000 \\
## \hline
## \end{tabular}
## \end{table}

```

#Appendix H

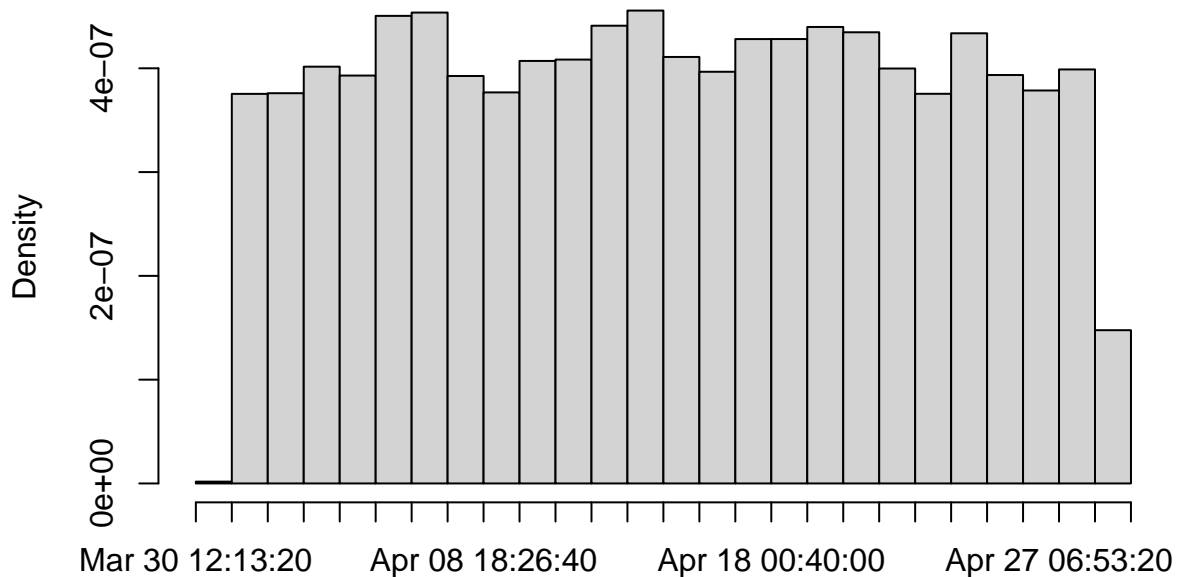
```

load("webdata.RData")
hist(web$start_time_utc,breaks=30,main="Histogram of web engagement start times (UTC)",xlab="")

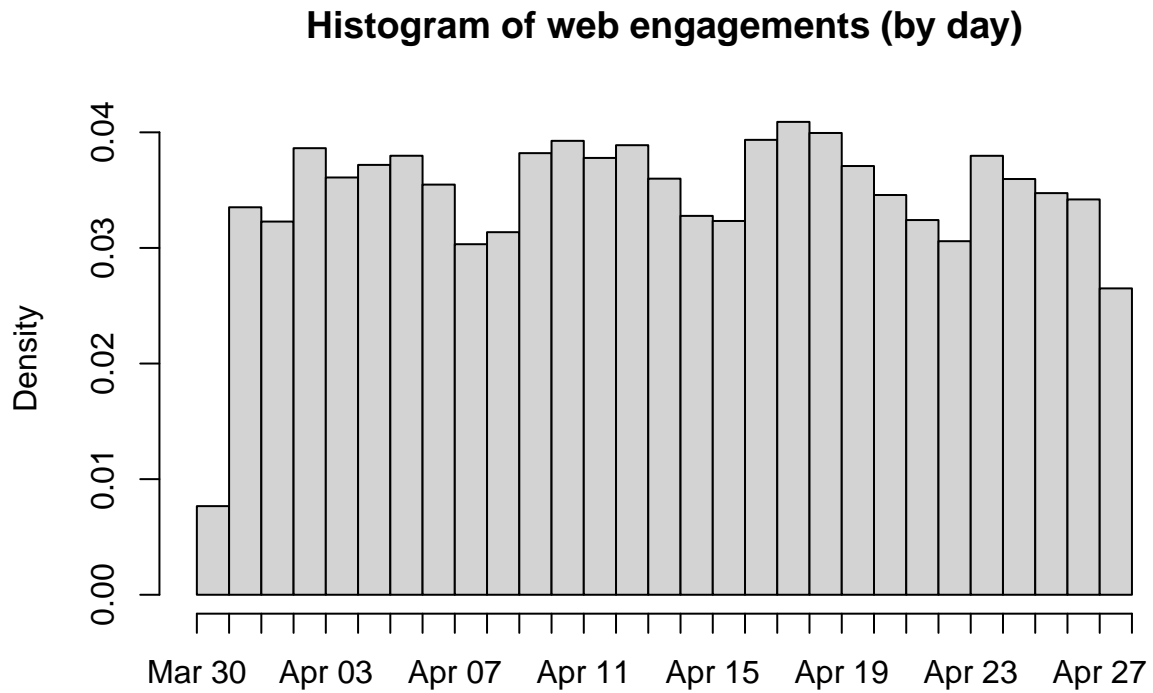
```

Warning in breaks[-1L] + breaks[-nB]: NAs produced by integer overflow

Histogram of web engagement start times (UTC)

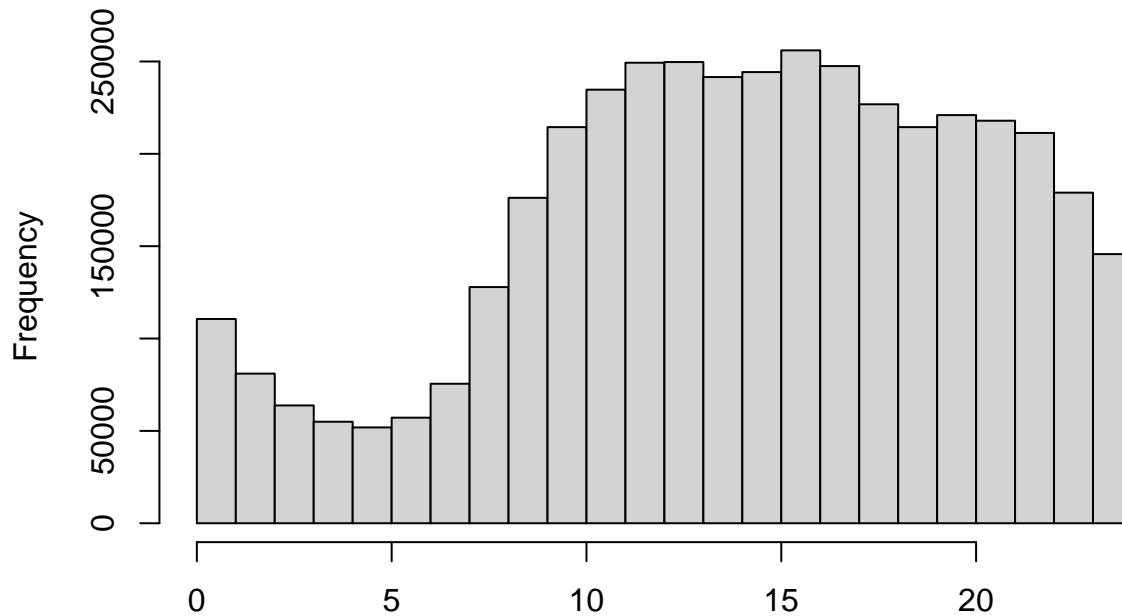


```
hist(web$date,breaks=30,main="Histogram of web engagements (by day)",xlab="")
```



```
hist(web$time,main="Histogram of web engagements by hour of day",xlab="")
```

Histogram of web engagements by hour of day



```
#Appendix I  
library(viridis)
```

```
## Loading required package: viridisLite
```

```
preds1 <- predict(mod1,newdata=data.frame(gender="Female",  
                                           educ=2,  
                                           nonwhite=0,  
                                           faminc_new=3,  
                                           birthyr=1990,  
                                           visits=1887,  
                                           pid7=1:7),  
                  type="response",se.fit=T)  
preds2 <- predict(mod2,newdata=data.frame(gender="Female",  
                                           educ=2,  
                                           nonwhite=0,  
                                           faminc_new=3,  
                                           birthyr=1990,  
                                           visits=1877,  
                                           pid7=1:7),  
                  type="response",se.fit=T)  
preds3 <- predict(mod3,newdata=data.frame(gender="Female",  
                                           educ=2,  
                                           nonwhite=0,  
                                           faminc_new=3,  
                                           birthyr=1990,  
                                           visits=1877,
```

```

                                pid7=1:7),
                                type="response",se.fit=T)
preds4 <- predict(mod4,newdata=data.frame(gender="Female",
                                educ=2,
                                nonwhite=0,
                                faminc_new=3,
                                birthyr=1990,
                                visits=1877,
                                pid7=1:7),
                                type="response",se.fit=T)
preds1$lo <- preds1$fit-preds1$se.fit*qnorm(.975)
preds1$hi <- preds1$fit+preds1$se.fit*qnorm(.975)
preds2$lo <- preds2$fit-preds2$se.fit*qnorm(.975)
preds2$hi <- preds2$fit+preds2$se.fit*qnorm(.975)
preds3$lo <- preds3$fit-preds3$se.fit*qnorm(.975)
preds3$hi <- preds3$fit+preds3$se.fit*qnorm(.975)
preds4$lo <- preds4$fit-preds4$se.fit*qnorm(.975)
preds4$hi <- preds4$fit+preds4$se.fit*qnorm(.975)
cols <- viridis(3)
plot(1:7,preds1$fit,type="l",lwd=4,ylim=c(-0.002270816,0.099396190),col=cols[1],
     xaxt="n",xlab="",ylab="Percent Seeking Information about the Court",lty=2)
lines(1:7,preds4$fit,lwd=4)
polygon(x=c(1:7,7:1),
        y=c(preds1$lo,rev(preds1$hi)),
        border=NA,col=scales::alpha(cols[1],.5))
polygon(x=c(1:7,7:1),
        y=c(preds4$lo,rev(preds4$hi)),
        border=NA,col=scales::alpha(cols[2],.5))
legend("topright",legend=c("Information seeking post-scandal",
                           "Information seeking pre-scandal"),
       lty=1:2,col=rev(cols[1:2]),lwd=2)
abline(h=0)
axis(1,at=c(1.5,6.5),labels=c("Strong Democrat","Strong Republican"),tick=F)

```

